

ABSTRACT OF THE DISCLOSURE

An armature comprises: a shaft; a core secured to the shaft having a plurality of slots extending in the axial direction formed on the outer circumferential surface thereof; a coil composed of a plurality of coil portions formed by winding wires a plurality of turns around a pair of slots separated by a predetermined number of slots and offsetting each of the coil portions one slot at a time in the circumferential direction of the core; and a commutator secured to the shaft having a plurality of segments; adjacent coil portions sharing a slot along one side thereof, wherein segments which should have the same electric potential are electrically connected by means of equalizing connectors.